

PATENT

**B. AMENDMENTS TO THE CLAIMS**

1. (Original) A computer implemented method of providing caller information, said method comprising:  
receiving a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;  
retrieving one or more caller attributes based upon the initiating caller number; and  
sending the caller attributes to a call recipient over a computer network, the call recipient corresponding to the call recipient number.
2. (Original) The method of claim 1 further comprising:  
sending a request that includes one or more requested caller fields, the requested caller fields corresponding to the initiating caller number.
3. (Original) The method of claim 2 further comprising:  
retrieving a call recipient agreement corresponding to the call recipient number;  
selecting the requested caller fields included in the call recipient agreement; and  
including the requested caller fields in the request.
4. (Original) The method of claim 2 wherein the request is received by a service control point, and wherein the service control point is adapted to retrieve the caller

## PATENT

attributes from a line information database and send the retrieved caller attributes back to the requestor.

5. (Original) The method of claim 1 further comprising:  
receiving an authorization request from an initiating caller prior to receiving the message, wherein the authorization request includes authorizations that identify one or more call recipients and caller data that are authorized to be sent to the identified call recipients, the initiating caller corresponding to the initiating caller number; and  
storing the authorizations in an authorization table entry.
6. (Original) The method of claim 5 further comprising:  
identifying one or more requested caller fields corresponding to the initiating caller number;  
detecting whether one of the requested caller fields corresponds to sensitive caller data, the sensitive caller data corresponding to the initiating caller number;  
checking one or more authorization table entries corresponding to the initiating caller number in response to the detecting;  
determining whether the call recipient is authorized to receive the sensitive caller data in response to the checking;  
including one or more of the requested caller fields in a request in response to the determination; and  
sending the request to a service control point.

## PATENT

7. (Original) The method of claim 6 further comprising: logging a caller data discrepancy in response to the determining, the caller data discrepancy including the requested caller fields corresponding to the sensitive caller data.
8. (Original) The method of claim 5 wherein the authorization request includes a PIN, the method further comprising: retrieving a stored PIN; and comparing the received PIN with the stored PIN wherein the receiving of authorizations is performed in response to successful comparison.
9. (Original) The method as described in claim 5 wherein at least one of the authorizations is selected from the group consisting of a birth date, billing information, and a social security number.
10. (Original) The method of claim 1 further comprising: determining that a call recipient agreement does not exist corresponding to the call recipient; retrieving a counter corresponding to the call recipient; incrementing the counter; and storing the incremented counter.
11. (Original) The method of claim 1 further comprising: sending the telephone call to the call recipient over the telephone network.

## PATENT

12. (Original) The method of claim 1 wherein the computer network is a TCP/IP network.
13. (Original) The method of claim 12 wherein the TCP/IP network includes the Internet.
14. (Original) The method of claim 1 wherein the caller attributes are selected from the group consisting of a name, an address, billing information, service preferences, a birth date, and a social security number.
15. (Original) An information handling system comprising:  
one or more processors;  
a memory accessible by the processors;  
one or more nonvolatile storage devices accessible by the processors;  
a telephone network;  
a computer network; and  
a caller information tool for providing caller information, the caller information tool comprising software code effective to:  
receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over the telephone network;  
retrieve one or more caller attributes from one of the nonvolatile storage devices based upon the initiating caller number; and

Docket No. AUS920030865US1

Page 5 of 17  
Creamer, et. al. - 10/763,082

Atty Ref. No. 3038

## PATENT

send the caller attributes to a call recipient over the computer network, the call recipient corresponding to the call recipient number.

16. (Original) The information handling system of claim 15 wherein the software code is further effective to:  
send a request that includes one or more requested caller fields, the requested caller fields corresponding to the initiating caller number.
17. (Original) The information handling system of claim 16 wherein the software code is further effective to:  
retrieve a call recipient agreement corresponding to the call recipient number from one of the nonvolatile storage devices;  
select the requested caller fields included in the call recipient agreement; and  
include the requested caller fields in the request.
18. (Original) The information handling system of claim 16 wherein the request is received by a service control point, and wherein the service control point is adapted to retrieve the caller attributes from a line information database and send the retrieved caller attributes back to the requestor.
19. (Original) The information handling system of claim 15 wherein the software code is further effective to:  
receive an authorization request from an initiating caller prior to receiving the message, wherein the authorization request includes authorizations that identify one or more

## PATENT

call recipients and caller data that are authorized to be sent to the identified call recipients, the initiating caller corresponding to the initiating caller number; and store the authorizations in an authorization table entry located in one of the nonvolatile storage devices.

20. (Original) The information handling system of claim 19 wherein the software code is further effective to:  
identify one or more requested caller fields corresponding to the initiating caller number;  
detect whether one of the requested caller fields corresponds to sensitive caller data, the sensitive caller data corresponding to the initiating caller number;  
check one or more authorization table entries located in one of the nonvolatile storage devices corresponding to the initiating caller number in response to the detecting;  
determine whether the call recipient is authorized to receive the sensitive caller data in response to the checking;  
include one or more of the requested caller fields in a request in response to the determination; and  
send the request to a service control point.
21. (Original) The information handling system of claim 20 wherein the software code is further effective to:  
log a caller data discrepancy in one of the nonvolatile storage devices in response to the determining, the caller data discrepancy including the requested caller fields corresponding to the sensitive caller data.

## PATENT

22. (Original) The information handling system of claim 19 wherein the authorization request includes a PIN, and wherein the software code is further effective to:  
retrieve a stored PIN from one of the nonvolatile storage devices; and  
compare the received PIN with the stored PIN wherein the receiving of authorizations is performed in response to successful comparison.
23. (Original) The information handling system as described in claim 19 wherein at least one of the authorizations is selected from the group consisting of a birth date, billing information, and a social security number.
24. (Original) The information handling system of claim 15 wherein the software code is further effective to:  
determine that a call recipient agreement does not exist corresponding to the call recipient;  
retrieve a counter corresponding to the call recipient from one of the nonvolatile storage devices;  
increment the counter; and  
store the incremented counter in one of the nonvolatile storage devices.
25. (Original) The information handling system of claim 15 wherein the software code is further effective to:  
send the telephone call to the call recipient over the telephone network.

## PATENT

26. (Original) The information handling system of claim 15 wherein the computer network is a TCP/IP network.
27. (Original) The information handling system of claim 12 wherein the TCP/IP network includes the Internet.
28. (Original) The information handling system of claim 15 wherein the caller attributes are selected from the group consisting of a name, an address, billing information, service preferences, a birth date, and a social security number.
29. (Original) A computer program product stored on a computer operable media for providing caller information, said computer program product comprising software code effective to:  
receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;  
retrieve one or more caller attributes based upon the initiating caller number; and  
send the caller attributes to a call recipient over a computer network, the call recipient corresponding to the call recipient number.
30. (Original) The computer program product of claim 29 wherein the software code is further effective to:  
send a request that includes one or more requested caller fields, the requested caller fields corresponding to the initiating caller number.

## PATENT

31. (Original) The computer program product of claim 30 wherein the software code is further effective to: retrieve a call recipient agreement corresponding to the call recipient number; select the requested caller fields included in the call recipient agreement; and include the requested caller fields in the request.
32. (Original) The computer program product of claim 30 wherein the request is received by a service control point, and wherein the service control point is adapted to retrieve the caller attributes from a line information database and send the retrieved caller attributes back to the requestor.
33. (Original) The computer program product of claim 29 wherein the software code is further effective to: receive an authorization request from an initiating caller prior to receiving the message, wherein the authorization request includes authorizations that identify one or more call recipients and caller data that are authorized to be sent to the identified call recipients, the initiating caller corresponding to the initiating caller number; and store the authorizations in an authorization table entry.
34. (Original) The computer program product of claim 33 wherein the software code is further effective to: identify one or more requested caller fields corresponding to the initiating caller number;

## PATENT

detect whether one of the requested caller fields corresponds to sensitive caller data, the sensitive caller data corresponding to the initiating caller number; check one or more authorization table entries corresponding to the initiating caller number in response to the detecting; determine whether the call recipient is authorized to receive the sensitive caller data in response to the checking; include one or more of the requested caller fields in a request in response to the determination; and send the request to a service control point.

35. (Original) The computer program product of claim 34 wherein the software code is further effective to: log a caller data discrepancy in response to the determining, the caller data discrepancy including the requested caller fields corresponding to the sensitive caller data.

36. (Original) The computer program product of claim 33 wherein the authorization request includes a PIN, and wherein the software code is further effective to: retrieve a stored PIN; and compare the received PIN with the stored PIN wherein the receiving of authorizations is performed in response to successful comparison.

## PATENT

37. (Original) The computer program product as described in claim 33 wherein at least one of the authorizations is selected from the group consisting of a birth date, billing information, and a social security number.
38. (Original) The computer program product of claim 29 wherein the software code is further effective to: determine that a call recipient agreement does not exist corresponding to the call recipient; retrieve a counter corresponding to the call recipient; increment the counter; and store the incremented counter.
39. (Original) The computer program product of claim 29 wherein the software code is further effective to: send the telephone call to the call recipient over the telephone network.
40. (Original) The computer program product of claim 29 wherein the computer network is a TCP/IP network.
41. (Original) The computer program product of claim 40 wherein the TCP/IP network includes the Internet.
42. (Original) The computer program product of claim 29 wherein the caller attributes are selected from the group consisting of a name, an address, billing information, service preferences, a birth date, and a social security number.

## PATENT

43. (Original) A computer implemented method of providing caller information, said method comprising:  
receiving a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;  
retrieving the name of the initiating caller and one or more additional caller attributes corresponding to the initiating caller; and  
sending the additional caller attributes to a call recipient over the telephone network, the call recipient corresponding to the call recipient number.

44. (Original) The method of claim 43 wherein at least one of the additional caller attributes is selected from the group consisting of an address, billing information, service preferences, a birth date, and a social security number.

45. (Original) The method of claim 43 wherein the call recipient is adapted to display one or more of the additional caller attributes on a display.

46. (Original) An information handling system comprising:  
one or more processors;  
a memory accessible by the processors;  
one or more nonvolatile storage devices accessible by the processors;  
a telephone network; and

## PATENT

a caller information tool for providing caller information, the caller information tool comprising software code effective to:

receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over the telephone network;

retrieve the name of the initiating caller and one or more additional caller attributes corresponding to the initiating caller from one of the nonvolatile storage devices; and

send the additional caller attributes to a call recipient over the telephone network, the call recipient corresponding to the call recipient number.

47. (Original) The information handling system of claim 46 wherein at least one of the additional caller attributes is selected from the group consisting of an address, billing information, service preferences, a birth date, and a social security number.
48. (Original) The information handling system of claim 46 wherein the call recipient is adapted to display one or more of the additional caller attributes on a display.
49. (Original) A computer program product stored on a computer operable media for providing caller information, said computer program product comprising software code effective to:

## PATENT

receive a message corresponding to a telephone call, wherein the message includes an initiating caller number and a call recipient number, the telephone call received over a telephone network;

retrieve the name of the initiating caller and one or more additional caller attributes corresponding to the initiating caller; and

send the additional caller attributes to a call recipient over the telephone network, the call recipient corresponding to the call recipient number.

50. (Original) The computer program product of claim 49 wherein at least one of the additional caller attributes is selected from the group consisting of an address, billing information, service preferences, a birth date, and a social security number.
51. (Original) The computer program product of claim 51 wherein the call recipient is adapted to display one or more of the additional caller attributes on a display.